

## **AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

### **LISTING OF CLAIMS:**

**1. (currently amended):** A pattern forming method, comprising image-wise forming, on a surface of a substrate, a region where an initiator having an ability to initiate polymerization is image-wise fixed, forming a graft polymer on the region by atom transfer radical polymerization to form a hydrophilic/hydrophobic pattern which includes regions having a graft polymer formed and regions having no graft polymer formed, and applying a substance to the hydrophilic or hydrophobic region of the hydrophilic/hydrophobic pattern.

**2. (currently amended):** A pattern forming method according to claim 1, wherein the region where an initiator having an ability to initiate polymerization is image-wise fixed is formed by fixing a polymerization initiator thereon and the graft polymer contains a monomer having hydrophilicity/hydrophobicity opposite to the hydrophilicity/hydrophobicity of the polymerization initiator.

**3. (original):** A pattern forming method according to claim 1, wherein the substance is a colorant.

**4. (original):** A pattern forming method according to claim 3, wherein the graft polymer contains a monomer having hydrophilicity/hydrophobicity opposite to the hydrophilicity/hydrophobicity of the polymerization initiator.

**5. (original):** A pattern forming method according to claim 3, wherein the colorant is a dye.

**6. (original):** A pattern forming method according to claim 5, wherein the dye has a charge opposite to a charge of the graft polymer.

**7. (original):** A pattern forming method according to claim 1, wherein the substance is fine particles.

**8. (original):** A pattern forming method according to claim 7, wherein the graft polymer has a polar group.

**9. (original):** A pattern forming method according to claim 7, wherein the fine particles each have a charge opposite to a charge of the graft polymer.

**10. (original):** A pattern forming method according to claim 1, wherein the substance is a conductive material.

**11. (original):** A pattern forming method according to claim 10, wherein the graft polymer has a polar group.

**12. (original):** A pattern forming method according to claim 10, wherein the conductive material is fine conductive particles each having a charge opposite to that of the graft polymer.

**13. (original):** A pattern forming method according to claim 10, wherein the conductive material is a conductive polymer comprising a conductive monomer which can be adsorbed by a functional group of the graft polymer through ionic force.

**14.(currently amended):** A substance adherence pattern material prepared by image-wise forming, on a surface of a substrate, a region where an initiator having an ability to initiate polymerization is image-wise fixed, by forming a graft polymer on the region by atom transfer radical polymerization, and by applying a substance to the graft polymer.

**15. (currently amended):** A substance adherence pattern material according to claim 14, wherein the region where an initiator having an ability to initiate polymerization is image-wise fixed is formed by fixing a polymerization initiator thereon and the graft polymer contains a monomer having hydrophilicity/hydrophobicity opposite to the hydrophilicity/hydrophobicity of the polymerization initiator.

**16. (original):** A substance adherence pattern material according to claim 14, wherein the substance is a colorant.

**17. (original):** A substance adherence pattern material according to claim 14, wherein the substance is fine particles.

**18. (original):** A substance adherence pattern material according to claim 17, wherein the graft polymer has a polar group.

**19. (original):** A substance adherence pattern material according to claim 17, wherein the fine particles each have a charge opposite to that of the graft polymer.

**20. (original):** A substance adherence pattern material according to claim 14, wherein the substance is a conductive material.

**21. (original):** A substance adherence pattern material according to claim 20, wherein the graft polymer has a polar group.

**22. (original):** A substance adherence pattern material according to claim 20, wherein the conductive material is fine conductive particles having a charge opposite to that of the graft polymer.

**23. (original):** A substance adherence pattern material according to claim 20, wherein the conductive material is a conductive polymer comprising a conductive monomer which can be adsorbed by a functional group of the graft polymer through ionic force.